

## 17" (15.9" VIS) Color Monitor

- **Crisp, clear images that are easy on the eyes.** Tight convergence and geometry specifications ensure image sharpness even at the edges and corners of the screen with a comfortable, flicker-free image, delivering 1280 x 960 at 85Hz.
- **Multimedia audio system.** Hear the advantage of total audio control with built-in side-firing speakers, microphone, and headphone jack
- **High contrast, low reflection.** High contrast, Black Matrix Invar Tube provides greater text detail even at smaller point sizes and the screen coating allows easier viewing in "less than ideal" lighting conditions
- **Screen adjustments made easy.** Convenient digital controls with onscreen display (OSD) allow you to make quick and easy screen adjustments
- **A monitor you can rely on.** A 50,000-hour-between-failure rating makes it one of the most reliable monitors on the market, backed by one of the world's largest monitor makers, with an exceptional warranty of 3 years parts and labor to protect your investment



*Let's make things better.*



**PHILIPS**

PRODUCT NUMBER 17B2302Q

TECHNICAL SPECIFICATIONS:

**CRT WITH PIXEL-PERFECT TECHNOLOGY**

Size and Deflection	17"/43 cm, 90°
VIS	15.9"
Horizontal Pitch	0.22 mm
Dot Pitch	0.26 mm
Tube Type	Flat Square Dark Glass Invar Shadow Mask
Screen Coating	AGAS
	57% Light Transmission
Phosphor	P22
Recommended Display Area	12.0" x 9.1"/ 306 x 230 mm
Maximum Display Area	12.7" x 9.5"/ 323 x 242 mm

**SCANNING**

Horizontal Frequency	86kHz
Vertical Frequency	50 - 160Hz

**VIDEO**

Video Dot Rate	135MHz
Color Temperature	9300°K or 6500°K
Input Impedance:	
- Video	75Ω
- Sync	2.2kΩ
Input Signal Levels:	.7Vp-p
- Sync Input Signal	Separate Sync Composite Sync Sync on Green (OSD)

**AUDIO**

Loudspeakers	2 Built-In Side Firing Stereo @ 2 Watts
Earphone Output	Stereo
Microphone	Internal Electrical Condenser Microphone

**DISPLAY AND**

**PERFORMANCE PARAMETERS**

White Color Temperature and Chromaticity	
CIE Coordinates:	
at 9300°K:	x = 0.281 y = 0.311
at 6500°K:	x = 0.313 y = 0.329

**RESOLUTION AND PRESET MODES**

Maximum Resolution	1280 x 960 @ 85Hz
9 User Definable Modes	
9 Factory Preset Modes:	
Resolution Mode	H. Freq. V. Freq. Standard
	(kHz) (Hz)
640 x 400	31.5 70 VGA*
640 x 480	31.5 60 VGA
640 x 480	43.3 85 VESA*/85
800 x 600	46.9 75 SVGA*
800 x 600	53.7 85 VESA/85
1024 x 768	60.0 75 XGA
1024 x 768	68.7 85 VESA/85
1280 x 960	86.0 85 ---
1280 x 1024	80.0 75 SXGA

**PLUG-AND-PLAY COMPATIBILITY**

Display Data Channel DDC1/2B (VESA)

**POWER MANAGEMENT**

Complies with EPA Energy Star, NUTEK, and TCO '95 Specifications  
Philips 107MB consumes less than 5 Watts in Power Off mode

**LOW-EMISSION CHARACTERISTICS**

Complies with MPR-II and TCO 1995 Specifications

**REGULATORY APPROVALS**

UL  
CSA  
FCC-B  
CE  
TCO '95 (Ergonomic & Environmental)  
SEMKO  
TUV/GS  
TUV-ERGO  
DHHS

**CONTROLS AND CONNECTIONS**

**Top:**  
- Power On/Off  
**Front:**  
- Contrast  
- Brightness  
- Volume  
- OSD Knob  
- OSD Button  
**Side:**  
- Headphone Out Mini Jack  
- Microphone In Mini Jack  
**Rear:**  
- Power Input Socket  
- 15-Pin D-Sub Input Socket  
- 2-Channel Audio Input Mini Jack  
- Microphone Out Mini Jack

**Cables:**

- Detachable Power Cord  
- Fixed D-Sub Interface Cable  
- Detachable Stereo Audio Cable  
- Detachable Microphone Cable  
- Switchless MAC\* Adaptor

**OSD Menu Structure:**

Mute On/Off  
Brightness  
Contrast  
Volume  
Size and Position:  
- Zoom  
- H Size  
- H Position  
- V Size  
- V Position  
Geometry:  
- Tilt - Trapezoid  
- Parallelogram - Pincushion  
- Unbalanced Pincushion Correction  
Color:  
- 9300°K Factory Preset  
- 6500°K Factory Preset  
- User Preset 1, Red, Green, Blue Gain  
- User Preset 2, Red, Green, Blue Gain  
Advanced Controls:  
- Power Saving  
- Language  
- DDC On/Off  
- Moiré  
- OSD Period  
Degauss  
Monitor Status  
Reset All  
**Display Language:**  
- Multilingual, User-selectable

Business Series Monitor

107MB

**PHYSICAL SPECIFICATIONS**

Unit Dimensions	16.4"W x 17.0"H x 18.4"D/ 417 x 432 x 467 mm (including pedestal)
Unit Weight	39.6 lbs./18 kg.
Carton Dimensions	21.3"W x 22.6"H x 23.3"D/ 542 x 573 x 593 mm
Carton Weight	46.9 lbs./ 21.3 kg.
Power Supply	90 - 264 Vac, 50/60Hz
Power Consumption	110 Watts Maximum
Operating Temperature	32°F to 104°F/ 0°C to 40°C
Relative Humidity	10% to 90%
Storage Temperature	-13°F to 149°F/ -25°C to 65°C
Relative Humidity	5% to 95%
MTBF	>50,000 Hours (excluding CRT)



Carton contains: 107MB Color Monitor, VGA Cable, Audio and Mic cables, Switchless Mac Adaptor, Power Cable, Users Manual, and Warranty Card.

This monitor fulfills all NUTEK requirements regarding power management as indicated on the TCO 1995 label.  
The EPA ENERGY STAR emblem does not represent EPA endorsement of any product or service. As an ENERGY STAR Partner, Philips has determined that this product meets the ENERGY STAR guidelines for energy efficiency.  
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VGA and SVGA are registered trademarks of International Business Machines Corp.  
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**FOR MORE INFORMATION**

Internet Address: <http://www.philipsmonitors.com>  
FAX INFORMATION SYSTEM: (423) 521-4341  
TECHNICAL SUPPORT: (800) 835-3506 (USA)  
(423) 475-0280 (outside USA)

Literature order form: 17B2302QA

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